

FIGURE 1A

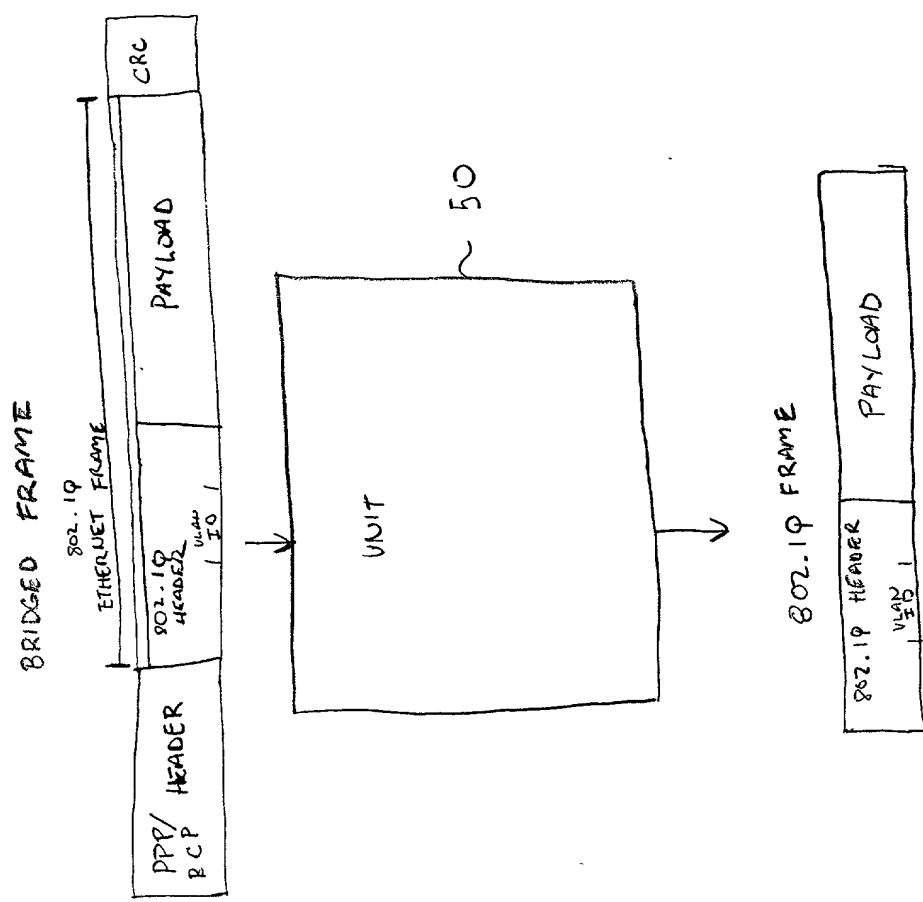


FIGURE 13

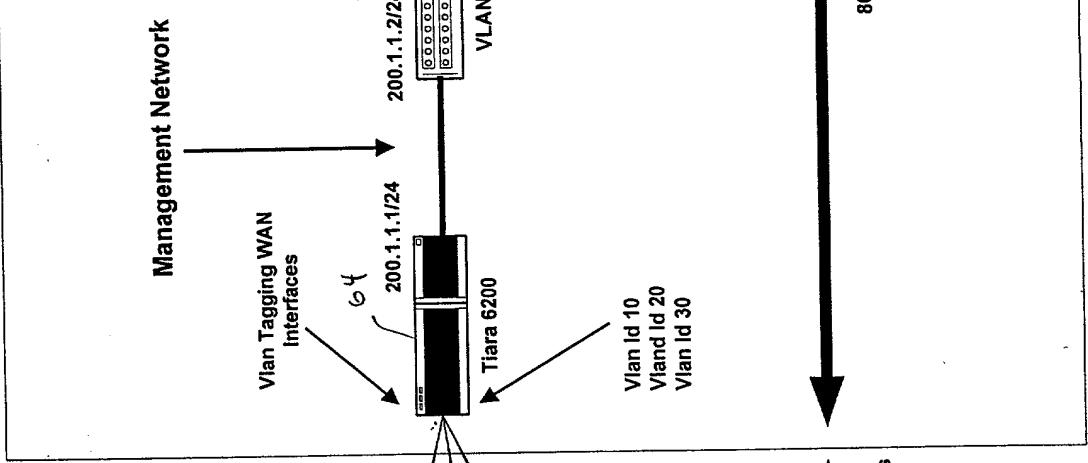
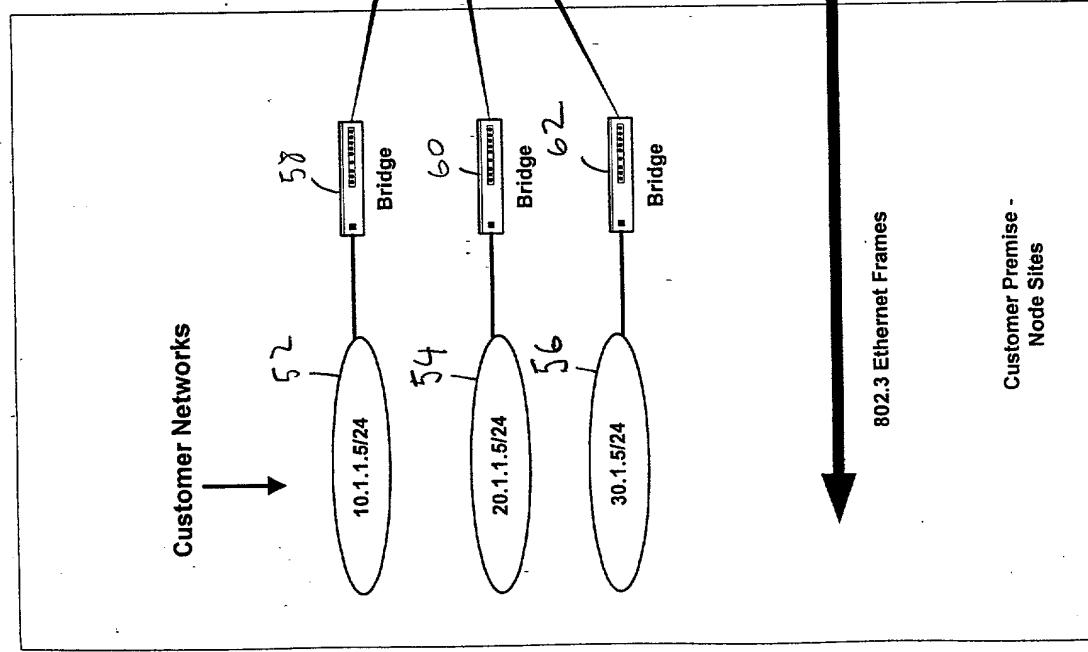


FIGURE 2A

### BRIDGED 802.3 FRAME

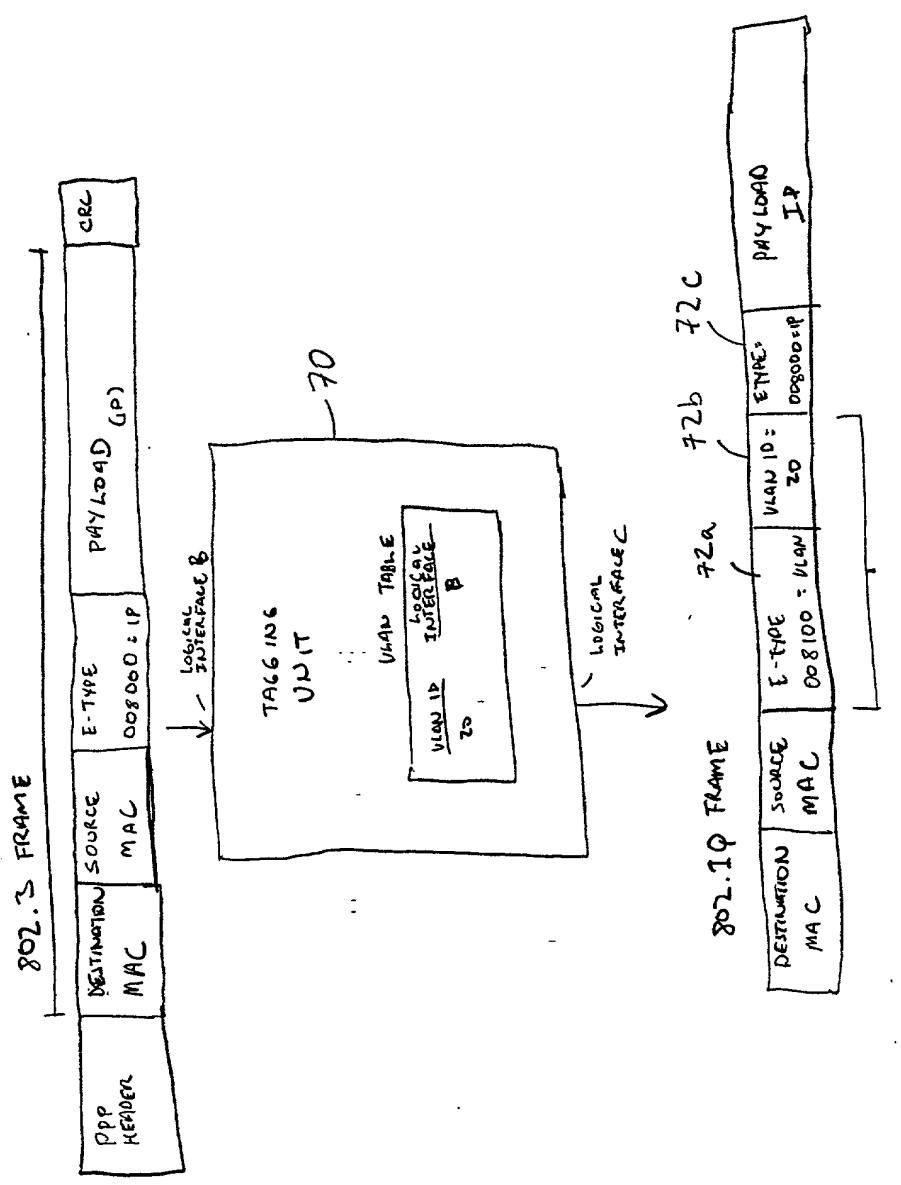


FIGURE 2B

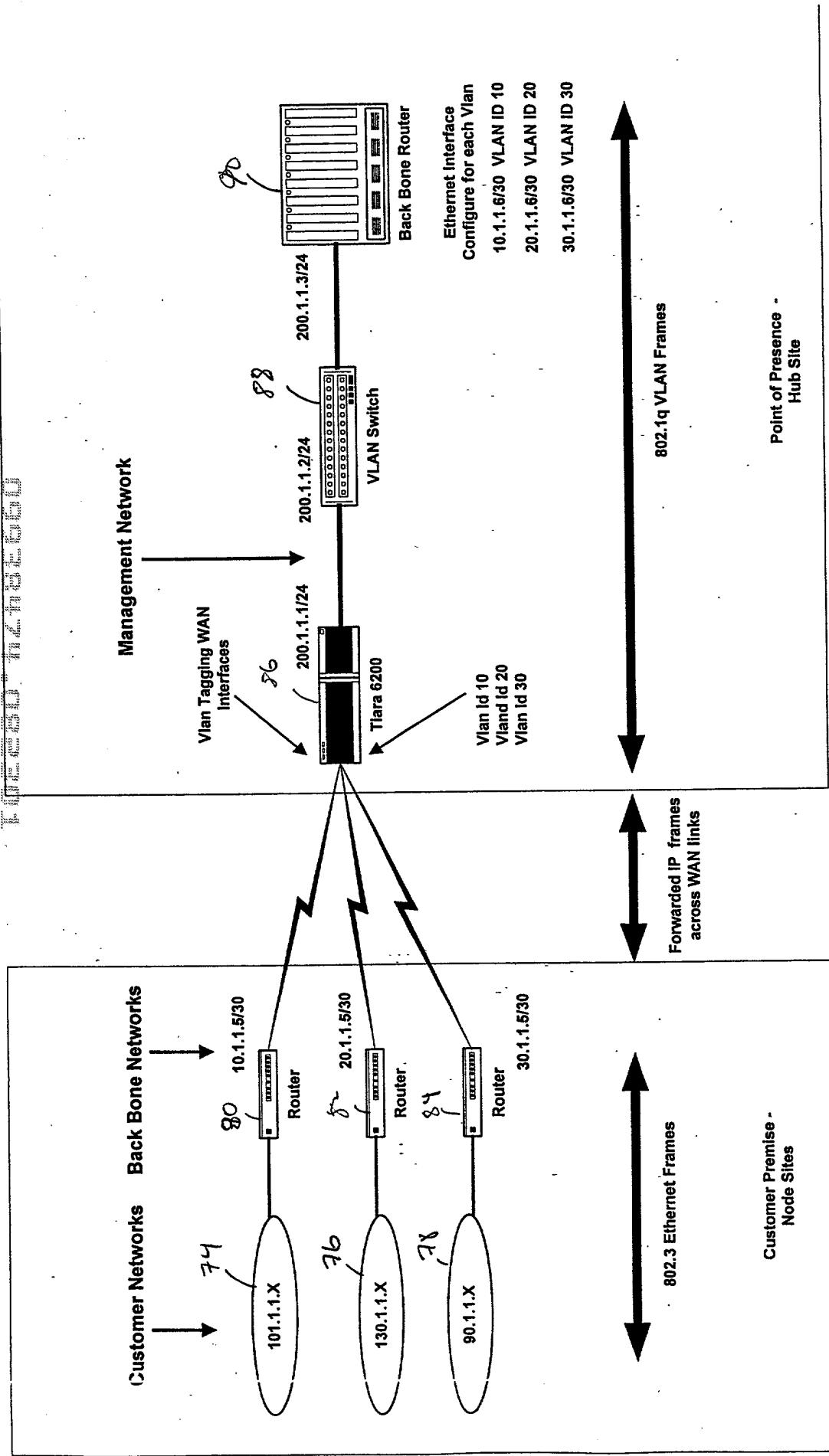


FIGURE 3 A

7. 00:00:00:00:00:00 → 7. 00:00:00:00:00:00

UNPROCESSED STAMPED FRAME

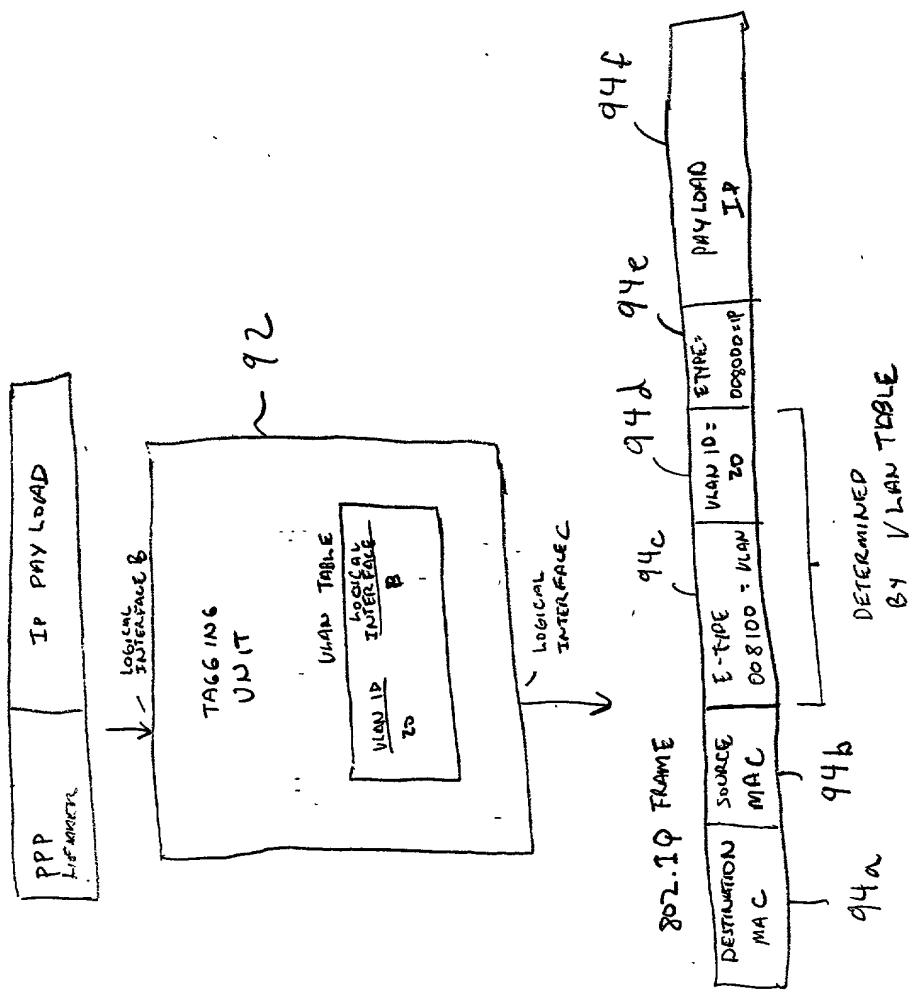
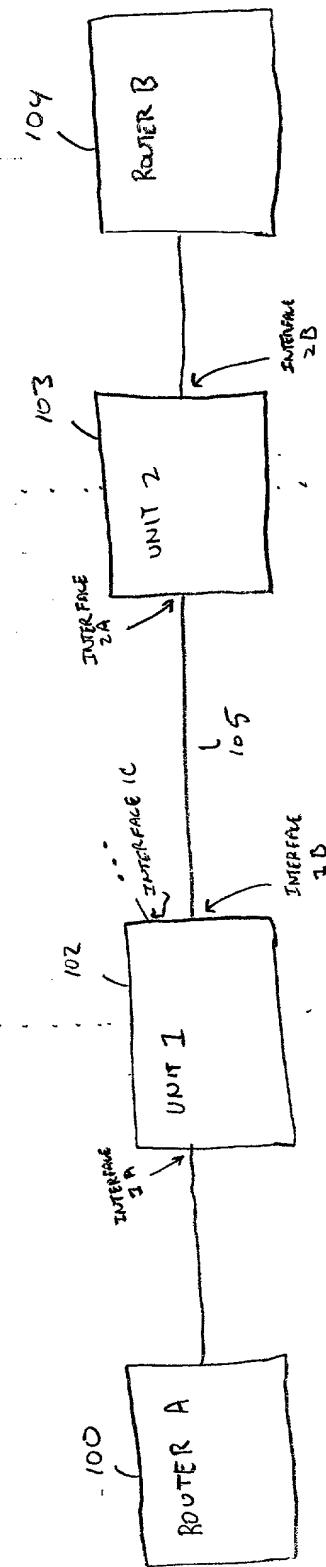


FIGURE 3B

## TOPIC 2: IP ADDRESSING

VLAN ID = 20

VLAN ID = 10



## LAN WOO-BRIDGING TRANSFERS

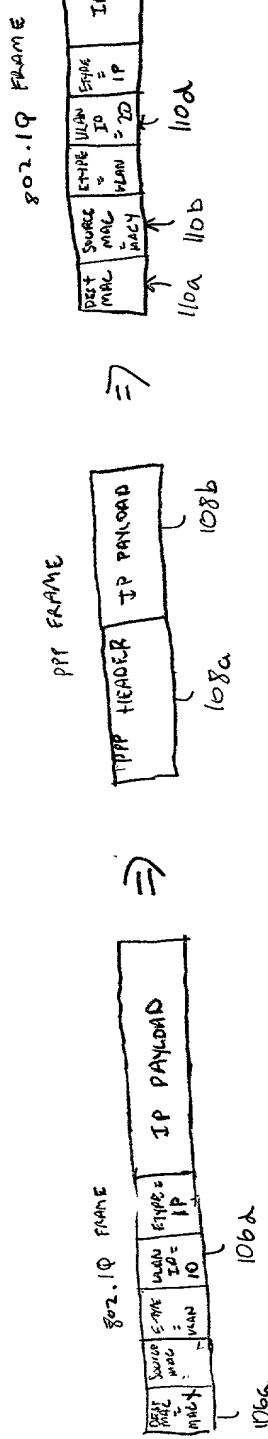
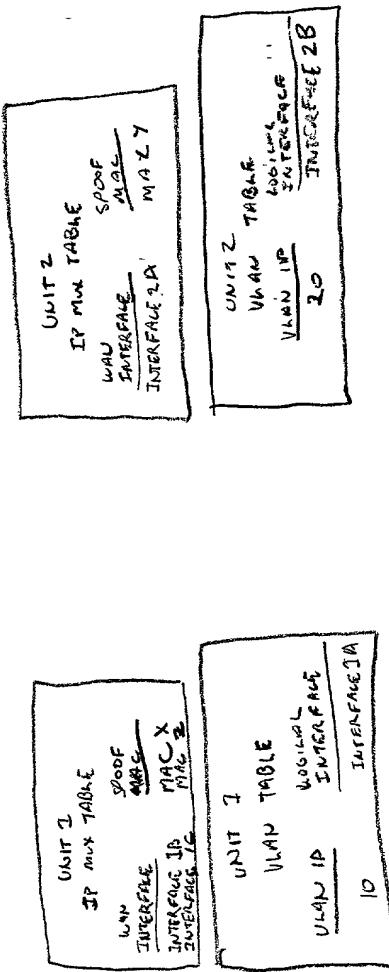


FIGURE 4

TR064 2800 = 1124 114 116 117

CPE

POP

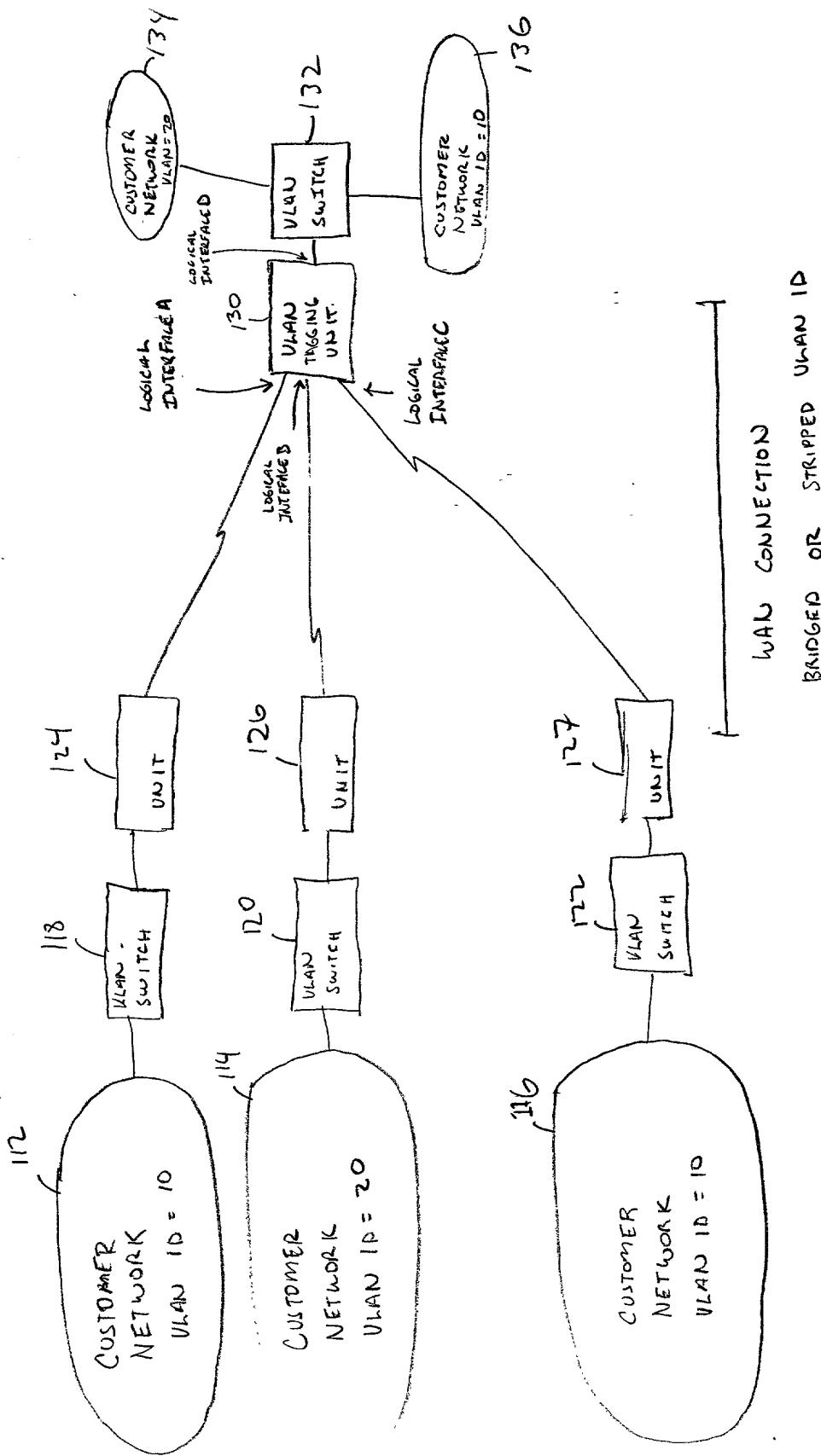


Figure 5

VLAN TABLE			
VLAN ID	ASSOCIATED LOGICAL INTERFACES		
	WAN	LAN	
	A, C	D	
10			
20	B	D	

FIGURE 6

VLAN TABLE			
VLAN ID	ASSOCIATED LOGICAL INTERFACES		FLOW INDICATION QOS
	WAN	LAN	
30	E, F	G	IP SUBNET A
40	E, F	G	IP SUBNET B

FIGURE 7

VLAN TABLE	
-	VLAN ID
-	ASSOCIATED LOGICAL INTERFACES
-	FLOW INDICATION
-	SERVICE INDICATION
-	QOS
-	TRANSLATION
-	ENCRYPTION
-	NETWORK ADDRESS TRANSLATION INDICATION

FIGURE 8

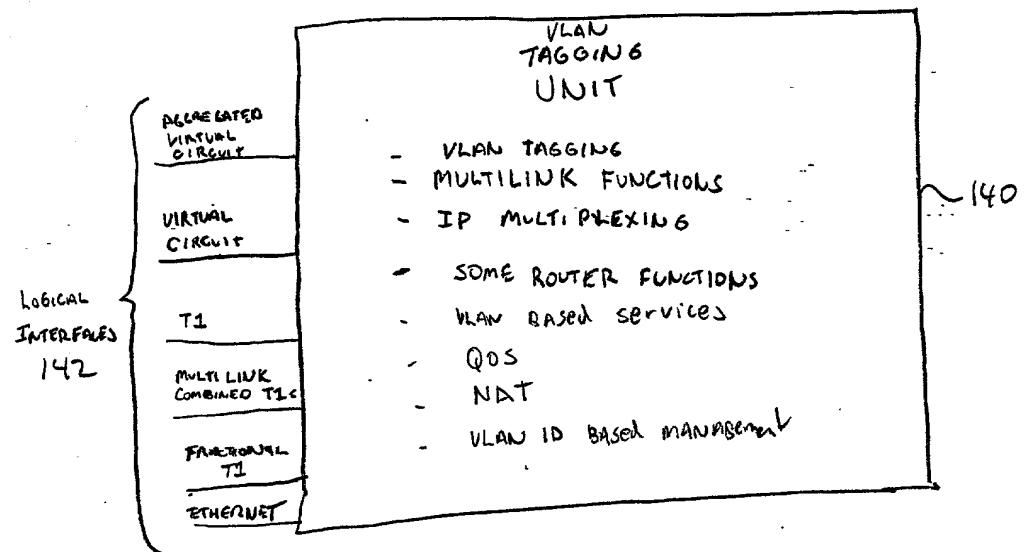


FIGURE 9

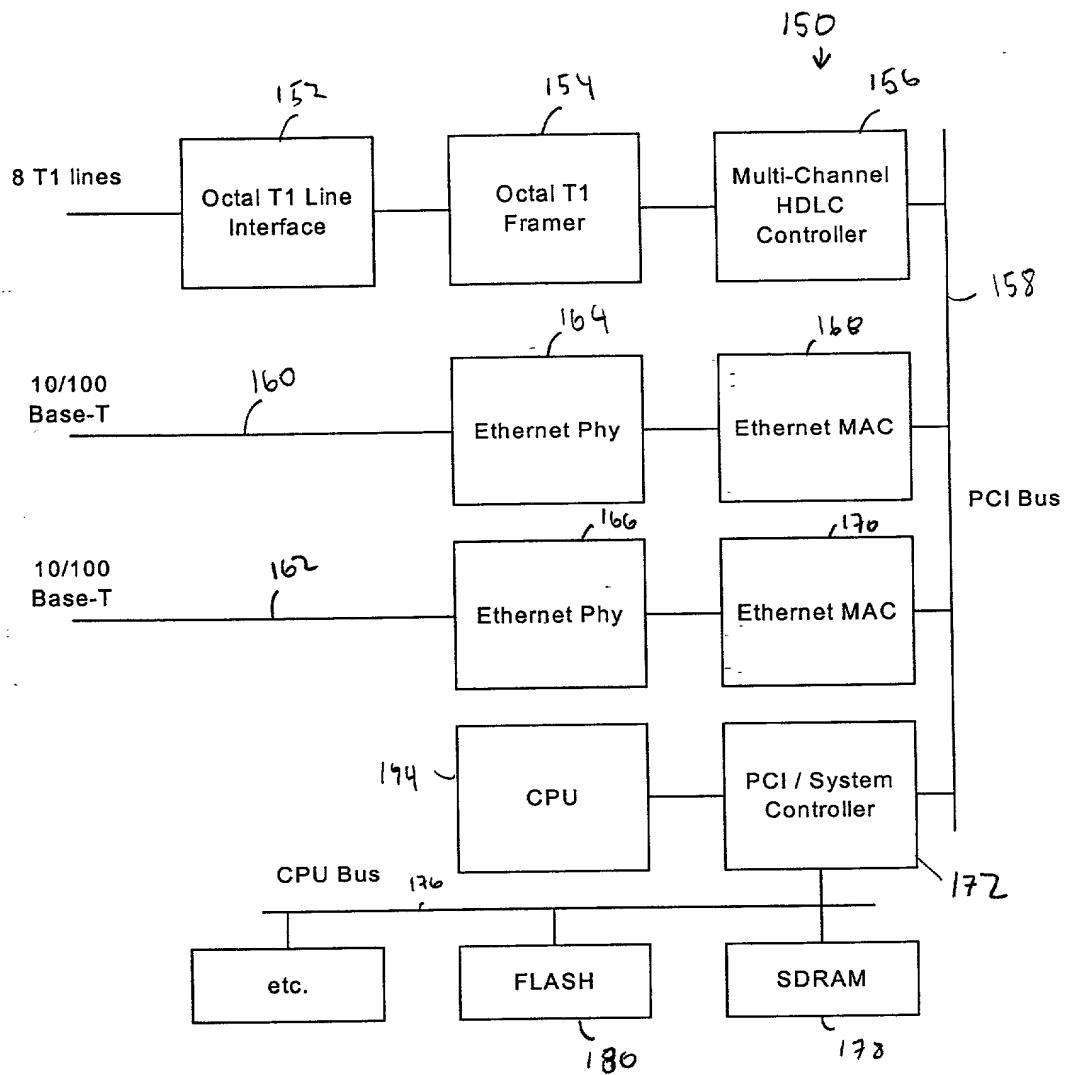


FIGURE 10

## VLAN Forwarding Table Sample Output

Tiara/configure/vlanfwd> *display vlanfwd table*

Vlan Ether Type - 33024(0x8100)

Vlan Forwarding Table -

Interface Name	Vlan Id
ethernet0	100-120, 500, 4095
ethernet1	1-500, 600, 1000

## VLAN Forwarding Statistics Sample Output

Tiara/configure/vlanfwd> *display vlanfwd statistics*

Vlan Forwarding Statistics -

Vlan Forwarding - ENABLED  
Vlan Ether Type - 33024(0x8100)

Vlan Id: (4091)

Outgoing Vlan Packets: 500  
Incoming Vlan Packets: 500  
Dropped Vlan Packets: 0

Vlan Id: (4092)

Outgoing Vlan Packets: 2000  
Incoming Vlan Packets: 2000  
Dropped Vlan Packets: 0

Vlan Id: (4093)

Outgoing Vlan Packets: 10  
Incoming Vlan Packets: 10  
Dropped Vlan Packets: 0

FIGURE 11

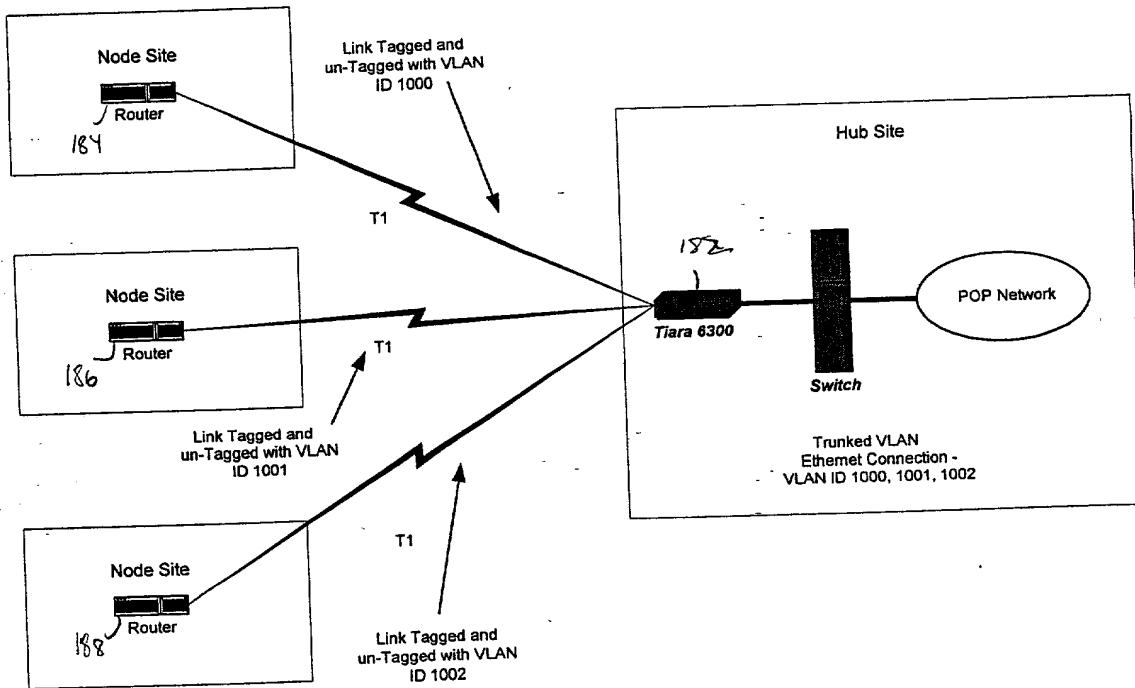


FIGURE 12

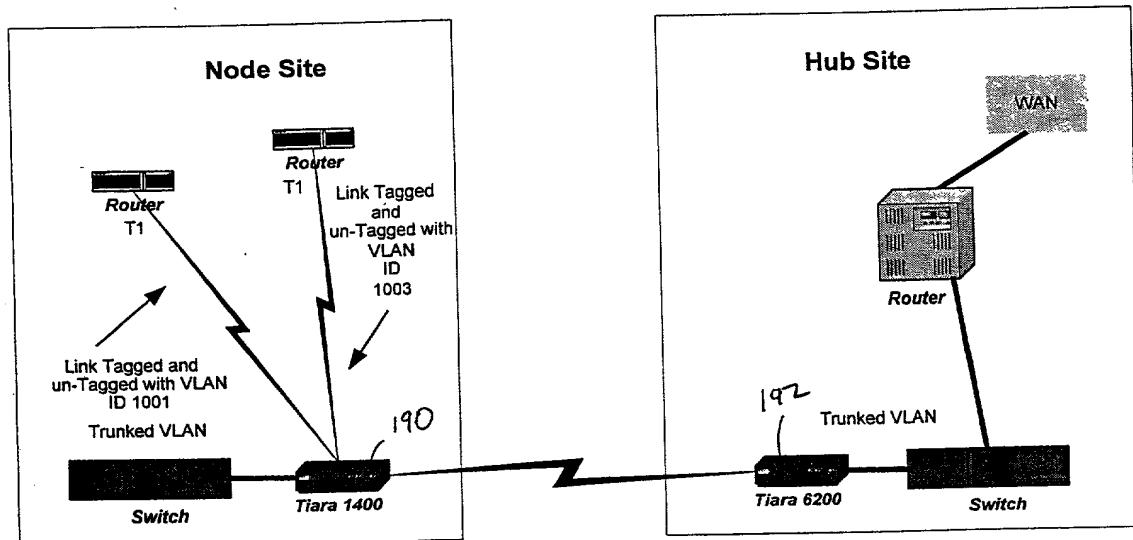


FIGURE 13

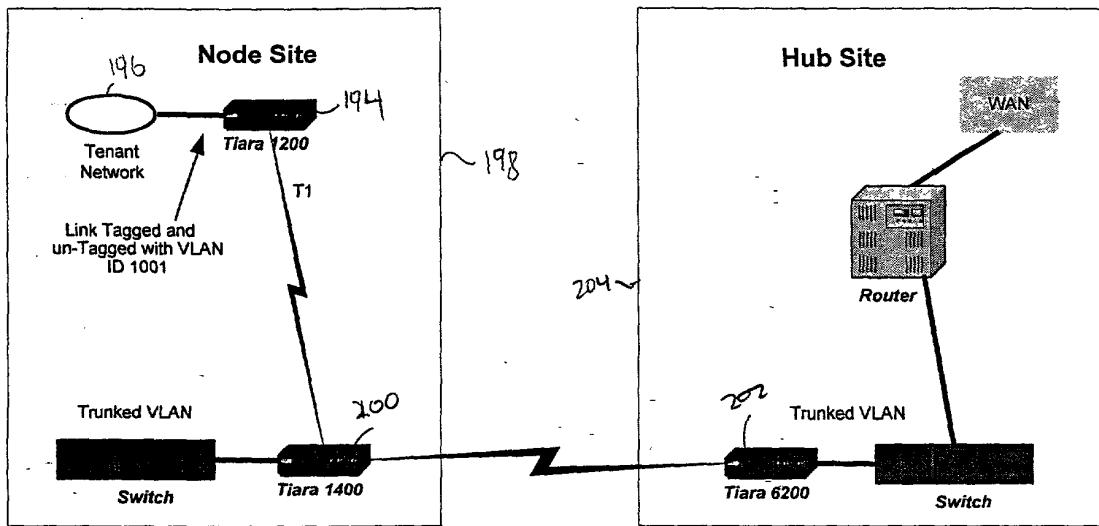


FIGURE 14

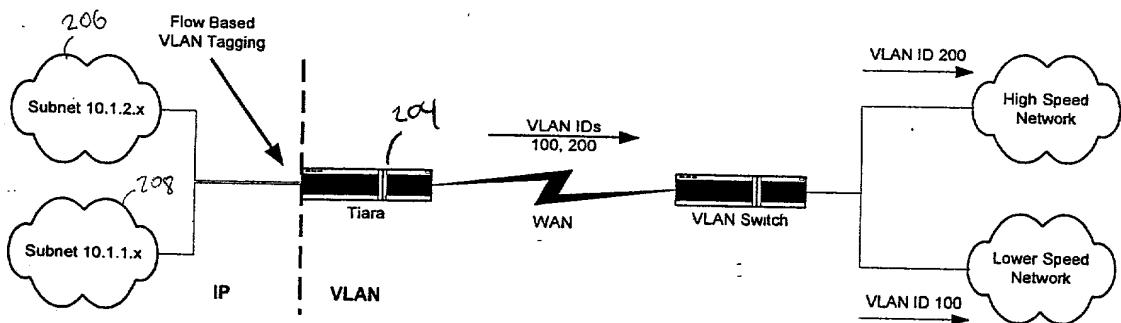


FIGURE 15

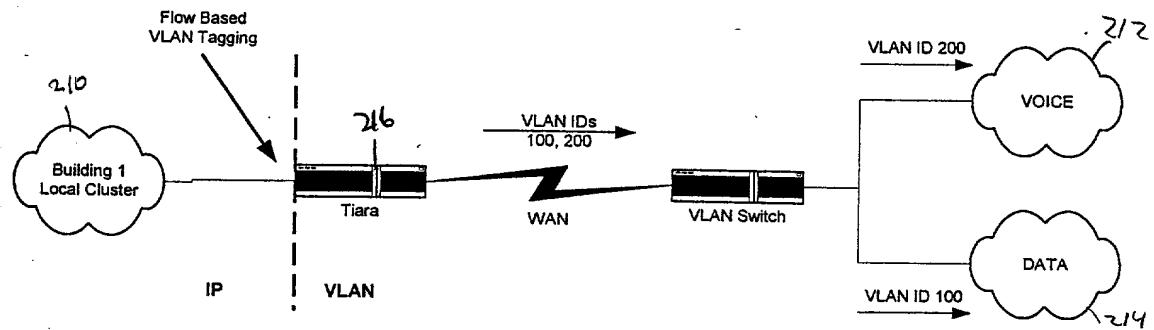


FIGURE 16

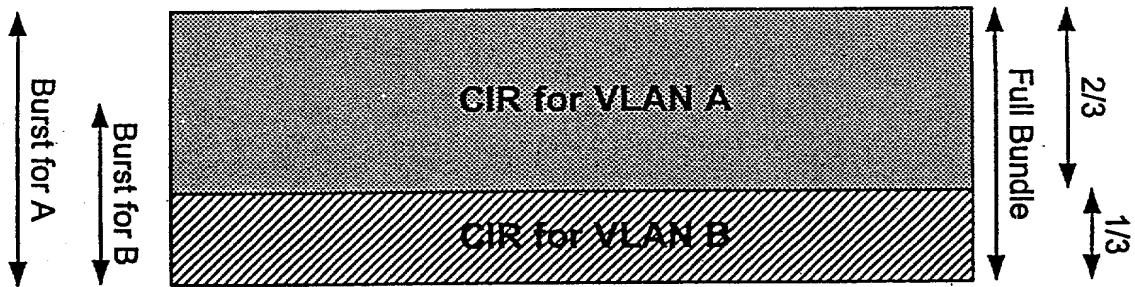


FIGURE 18

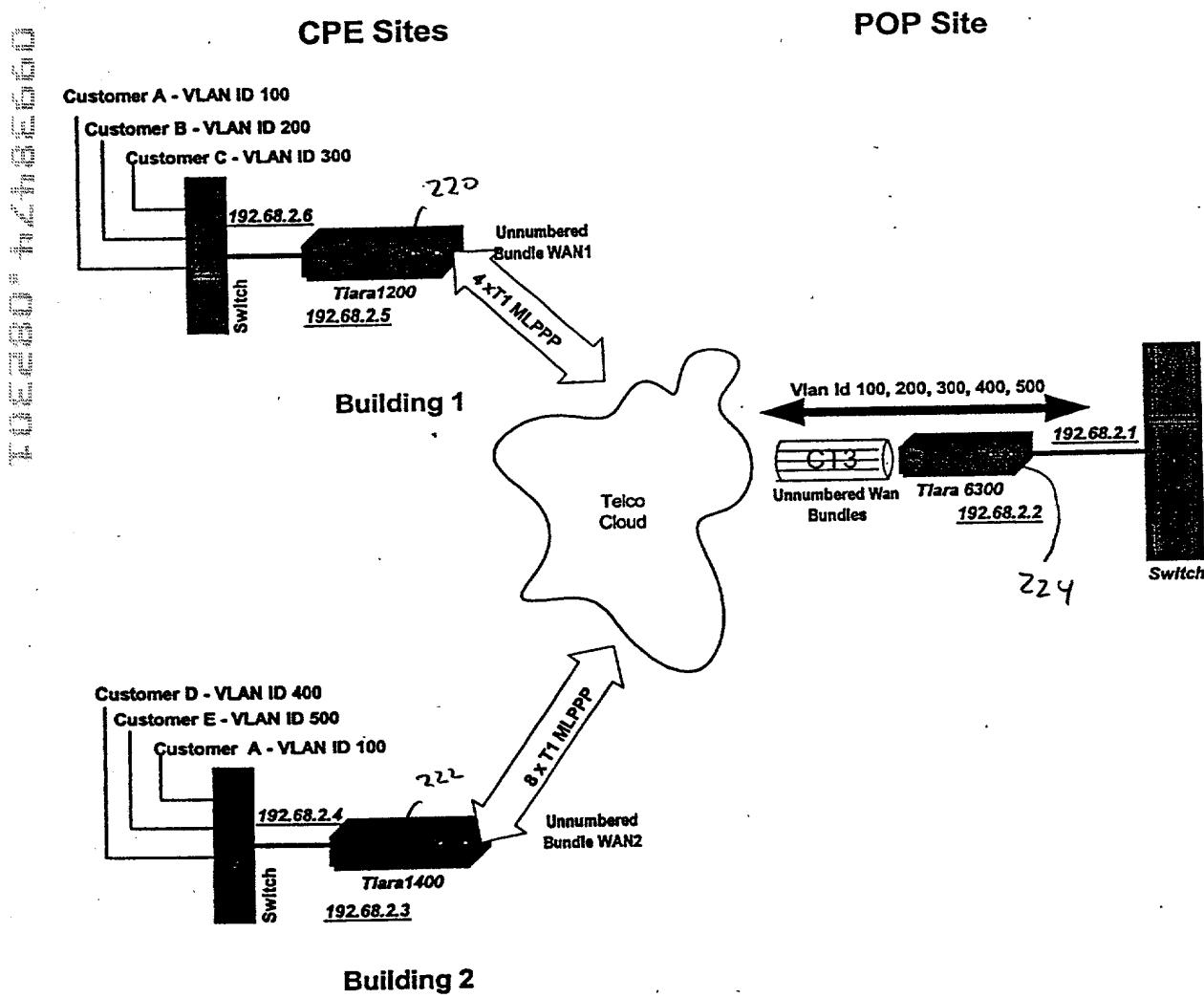


FIGURE 17